

Author Index

- Aloj, L., see Canipari, R. (1175) 1
 Antoine, M.-H., Hermann, M., Herchuelz, A. and Lebrun, P.
 Sodium nitroprusside inhibits glucose-induced insulin release by activating ATP-sensitive K⁺ channels (1175) 293
 Arai, K.-i., see Tomoda, T. (1175) 333
 Ashcroft, F.M., see Ashcroft, S.J.H. (1175) 45
 Ashcroft, S.J.H. and Ashcroft, F.M.
 The sulfonylurea receptor (1175) 45
 Azuma, Y., see Onishi, Y. (1175) 147
- Bagshaw, W.L., see Medley, Q.G. (1175) 7
 Baverel, G., see Martin, G. (1175) 161
 Baverel, G., see Vincent, N. (1175) 13
 Berényi, E., see Miseta, A. (1175) 133
 Bernard, F., see Blachier, F. (1175) 21
 Berry, M.N., see Henly, D.C. (1175) 269
 Bertel, O., see Suko, J. (1175) 193
 Bito, H., see Sakanaka, C. (1175) 61
 Blachier, F., M'Rabet-Touil, H., Posho, L., Morel, M.-T., Bernard, F., Darcy-Vrillon, B. and Duée, P.-H.
 Polyamine metabolism in enterocytes isolated from newborn pigs (1175) 21
 Bogner, P., see Miseta, A. (1175) 133
 Bogoyevitch, M.A., see Sugden, P.H. (1175) 327
 Boonen, G.J.J.C., VanSteveninck, J. and Elferink, J.G.R.
 Strontium and barium induce exocytosis in electroporated neutrophils (1175) 155
 Boukhzer, E., Ennya, A., Felden, F., Gérard, A., Nexø, E., Nicolas, J.P., Gérard, H. and Guéant, J.L.
 Transcobalamin II – cobalamin binding sites are present on rabbit germ cells (1175) 128
 Burkey, T.H. and Webster, R.O.
 Adenosine inhibits fMLP-stimulated adherence and superoxide anion generation by human neutrophils at an early step in signal transduction (1175) 312
- Cabero, J.L., see Li, Z.-Q. (1175) 250
 Calì, G., see Canipari, R. (1175) 1
 Callaghan, R., Stafford, A. and Epand, R.M.
 Increased accumulation of drugs in a multidrug resistant cell line by alteration of membrane biophysical properties (1175) 277
 Cameron, I.L., see Miseta, A. (1175) 133
 Canipari, R., Zurzolo, C., Polistina, C., Garbi, C., Aloj, L., Calì, G., Gentile, R. and Nitsch, L.
 Polarized secretion of plasminogen activators by epithelial cell monolayers (1175) 1
 Castagna, M., see Huang, X.P. (1175) 351
 Chang, Y.-L., see Ko, F.-N. (1175) 225
 Chen, I.-S., see Ko, F.-N. (1175) 225
 Chung, C.H., see Kwak, K.B. (1175) 243
 Chung, S.S., see Kwak, K.B. (1175) 243
 Combet, J., see Martin, G. (1175) 161
 Côté, G.P., see Medley, Q.G. (1175) 7
- Darcy-Vrillon, B., see Blachier, F. (1175) 21
 De Grada, L., see Ferraretto, A. (1175) 283
- Detimary, P., see Drews, G. (1175) 214
 Doyle, C.A., see Nielsen, H.C. (1175) 95
 Drews, G., Detimary, P. and Henquin, J.-C.
 Non-additivity of adrenaline and galanin effects on ⁸⁶Rb efflux and membrane potential in mouse B-cells suggests sharing of common targets (1175) 214
 D'souza, A., Hinduja, I.N. and Puri, C.P.
 Antiprogestin ZK-98.299 and progesterone display differential binding characteristics in the human myometrial cytosol (1175) 73
 Duan, Y.-J., see Miwa, I. (1175) 174
 Duée, P.-H., see Blachier, F. (1175) 21
 Dufault, S.N., see Johnson, W.T. (1175) 263
- Elferink, J.G.R., see Boonen, G.J.J.C. (1175) 155
 English, D., see Taylor, G.S. (1175) 219
 Ennya, A., see Boukhzer, E. (1175) 128
 Epand, R.M., see Callaghan, R. (1175) 277
- Fan, X.T., see Huang, X.P. (1175) 351
 Felden, F., see Boukhzer, E. (1175) 128
 Fernandes, P.L., see Ferreira, K.T.G. (1175) 27
 Ferraretto, A., Negri, A., Giuliani, A., De Grada, L., Fuhrman Conti, A.M. and Ronchi, S.
 Aldose reductase is involved in long-term adaptation of EUE cells to hyperosmotic stress (1175) 283
 Ferreira, H.G., see Ferreira, K.T.G. (1175) 27
 Ferreira, K.T.G., Fernandes, P.L. and Ferreira, H.G.
 Ion transport across the epithelium of the rabbit caecum (1175) 27
 Frucht, H., see Wang, L.-H. (1175) 232
 Fuhrman Conti, A.M., see Ferraretto, A. (1175) 283
 Fukatsu, H., see Miwa, I. (1175) 174
 Fuller, S.J., see Sugden, P.H. (1175) 327
- Galambos, C., see Miseta, A. (1175) 133
 Garbi, C., see Canipari, R. (1175) 1
 Geddis, L.M., see Kutchai, H. (1175) 140
 Gentile, R., see Canipari, R. (1175) 1
 Gérard, A., see Boukhzer, E. (1175) 128
 Gérard, H., see Boukhzer, E. (1175) 128
 Giuliani, A., see Ferraretto, A. (1175) 283
 Goto, S., see Kato, K. (1175) 257
 Greene, B., see Taylor, G.S. (1175) 219
 Guéant, J.L., see Boukhzer, E. (1175) 128
- Ha, D.B., see Kwak, K.B. (1175) 243
 Hallett, M.B., see Lloyds, D. (1175) 207
 Hasegawa, K., see Kato, K. (1175) 257
 Hatchett, IV, R.J., see Sugden, P.H. (1175) 327
 Hayashi, Y., see Negishi, M. (1175) 343
 Hellmann, G., see Suko, J. (1175) 193
 Henly, D.C. and Berry, M.N.
 Effect of palmitate concentration on the relative contributions of the β-oxidation pathway and citric acid cycle to total O₂ consumption of isolated rat hepatocytes (1175) 269
 Henquin, J.-C., see Drews, G. (1175) 214

- Herchuelz, A., see Antoine, M.-H. (1175) 293
 Hermann, M., see Antoine, M.-H. (1175) 293
 Hidaka, M., see Ogawara, H. (1175) 289
 Higashi, K., see Ogawara, H. (1175) 289
 Hinduja, I.N., see D'souza, A. (1175) 73
 Hisahi-Ishii, , see Ko, F.-N. (1175) 225
 Hohenegger, M., see Suko, J. (1175) 193
 Honda, A., see Negishi, M. (1175) 343
 Honda, Z.-i., see Sakanaka, C. (1175) 61
 Horie, S., see Ishii, H. (1175) 37
 Huang, L.L., Jahngen-Hodge, J. and Taylor, A.
 Bovine lens epithelial cells have a ubiquitin-dependent proteolysis system (1175) 181
 Huang, T.-F., see Ko, F.-N. (1175) 225
 Huang, X.P., Silva, C.D., Fan, X.T. and Castagna, M.
 Characteristics of arachidonic-acid-mediated brain protein kinase C activation: evidence for concentration-dependent heterogeneity (1175) 351
 Ichikawa, A., see Negishi, M. (1175) 343
 Inaguma, Y., see Kato, K. (1175) 257
 Ishii, H., Suzuki, Y., Horie, S., Nakagawa, M. and Kazama, M.
 Participation of calpain I activation in the ATP release reaction of platelets stimulated with thrombin (1175) 37
 Izumi, T., see Sakanaka, C. (1175) 61
 Jahngen-Hodge, J., see Huang, L.L. (1175) 181
 James, J.E., see Taylor, G.S. (1175) 219
 Jensen, R.T., see Wang, L.-H. (1175) 232
 Johnson, W.T. and Dufault, S.N.
 Intracellular calcium mobilization in rat platelets is adversely affected by copper deficiency (1175) 263
 Jones, P.M., see Ratcliff, H. (1175) 188
 Kanaoka, Y., see Nakayama, H. (1175) 67
 Kang, M.-S., see Kwak, K.B. (1175) 243
 Kato, H., see Ogawara, H. (1175) 289
 Kato, K., Goto, S., Hasegawa, K., Shinohara, H. and Inaguma, Y.
 Responses to heat shock of α B crystallin and HSP28 in U373 MG human glioma cells (1175) 257
 Kawabe, J.-i., Ohsaki, Y. and Onodera, S.
 Down-regulation of protein kinase C potentiates atrial natriuretic peptide-stimulated cGMP accumulation in vascular smooth-muscle cells (1175) 81
 Kazama, M., see Ishii, H. (1175) 37
 Kellermayer, M., see Miseta, A. (1175) 133
 Kellogg, C.K., see Nielsen, H.C. (1175) 95
 Kim, O.-M., see Kwak, K.B. (1175) 243
 Kiss, Z.
 Cooperative effects of ethanol and protein kinase C activators on phospholipase-D-mediated hydrolysis of phosphatidylethanolamine in NIH 3T3 fibroblasts (1175) 88
 Kizaki, H., see Onishi, Y. (1175) 147
 Ko, F.-N., Yu, S.-M., Chen, I.-S., Hisahi-Ishii, , Chang, Y.-L., Huang, T.-F. and Teng, C.-M.
 CIS-19, a novel platelet activating factor receptor antagonist: in vitro and in vivo studies (1175) 225
 Koike, T., see Tanaka, S. (1175) 114
 Kutchai, H., Geddis, L.M. and Otero, A.S.
 Identification of heterotrimeric and low molecular weight GTP-binding proteins in rabbit skeletal muscle longitudinal sarco-plasmic reticulum (1175) 140
 Kwak, K.B., Chung, S.S., Kim, O.-M., Kang, M.-S., Ha, D.B. and Chung, C.H.
 Increase in the level of m-calpain correlates with the elevated cleavage of filamin during myogenic differentiation of embryonic muscle cells (1175) 243
 Ladd, A., see Taylor, G.S. (1175) 219
 Lebrun, P., see Antoine, M.-H. (1175) 293
 Levy, E., see Loirdighi, N. (1175) 100
 Li, Z.-Q., Cabero, J.L., Nilsson, B.O. and Mårdh, S.
 Direct gastrin action on isolated rat parietal cells induces morphological transformations (1175) 250
 Lin, J.-T., see Wang, L.-H. (1175) 232
 Lloyds, D. and Hallett, M.B.
 Activation and priming of the human neutrophil oxidase response by substance P: distinct signal transduction pathways (1175) 207
 Loirdighi, N., Ménard, D. and Levy, E.
 Insulin decreases chylomicron production in human fetal small intestine (1175) 100
 Louis, C.F., see Strand, M.A. (1175) 319
 Maeda, N., see White, A.M. (1175) 307
 Manita, S., see Ogawara, H. (1175) 289
 Mantey, S.A., see Wang, L.-H. (1175) 232
 Mårdh, S., see Li, Z.-Q. (1175) 250
 Martel-Pelletier, J., McCollum, R. and Pelletier, J.-P.
 The synthesis of IL-1 receptor antagonist (IL-1ra) by synovial fibroblasts is markedly increased by the cytokines TNF- α and IL-1 (1175) 302
 Martin, G., see Vincent, N. (1175) 13
 Martin, G., Vincent, N., Combet, J. and Baverel, G.
 A simple model for alanine metabolism in isolated rat hepatocytes (1175) 161
 Maurer-Fogy, I., see Suko, J. (1175) 193
 McCollum, R., see Martel-Pelletier, J. (1175) 302
 Medley, Q.G., Bagshaw, W.L., Truong, T. and Côté, G.P.
 Dictyostelium myosin II heavy-chain kinase A is activated by heparin, DNA and acidic phospholipids and inhibited by polylysine, polyarginine and histones (1175) 7
 Ménard, D., see Loirdighi, N. (1175) 100
 Mickelson, J.R., see Strand, M.A. (1175) 319
 Mikoshiba, K., see White, A.M. (1175) 307
 Minami, M., see Sakanaka, C. (1175) 61
 Miseta, A., Bogner, P., Berényi, E., Kellermayer, M., Galambos, C., Wheatley, D.N. and Cameron, I.L.
 Relationship between cellular ATP, potassium, sodium and magnesium concentrations in mammalian and avian erythrocytes (1175) 133
 Miwa, I., Duan, Y.-J., Murase, S., Fukatsu, H., Tamura, A. and Okuda, J.
 Stimulatory effect of phospholipase A₂ treatment on glucose utilization in human erythrocytes (1175) 174
 Mizuno, Y., see Onishi, Y. (1175) 147
 Morel, M.-T., see Blachier, F. (1175) 21
 M'Rabet-Touil, H., see Blachier, F. (1175) 21
 Muramatsu, M.-a., see Tomoda, T. (1175) 333
 Murase, S., see Miwa, I. (1175) 174
 Murata, T., see Tomoda, T. (1175) 333
 Mutoh, H., see Sakanaka, C. (1175) 61
 Mynett, J.R., see Sugden, P.H. (1175) 327
 Nakagawa, M., see Ishii, H. (1175) 37
 Nakamura, M., see Sakanaka, C. (1175) 61
 Nakayama, H., Shikano, H. and Kanaoka, Y.
 A site-directed antibody that inhibits phosphorylation of the rat-brain sodium channel by cyclic-AMP-dependent protein kinase (1175) 67
 Namba, T., see Negishi, M. (1175) 343
 Narumiya, S., see Negishi, M. (1175) 343
 Negishi, M., Sugimoto, Y., Hayashi, Y., Namba, T., Honda, A., Watabe, A., Narumiya, S. and Ichikawa, A.
 Functional interaction of prostaglandin E receptor EP₃ subtype with guanine nucleotide-binding proteins, showing low-affinity ligand binding (1175) 343

- Negri, A., see Ferrareto, A. (1175) 283
 Nexø, E., see Boukhzer, E. (1175) 128
 Nicolas, J.P., see Boukhzer, E. (1175) 128
 Nielsen, H.C., Kellogg, C.K. and Doyle, C.A.
 Development of fibroblast-type-II cell communications in fetal rabbit lung organ culture (1175) 95
 Nilsson, B.O., see Li, Z.-Q. (1175) 250
 Nitsch, L., see Canipari, R. (1175) 1
- Ogawara, H., Higashi, K., Manita, S., Hidaka, M., Kato, H. and Takenawa, T.
 An inhibitor of inositol-phospholipid-specific phospholipase C (1175) 289
 Ohsaki, Y., see Kawabe, J.-i. (1175) 81
 Okuda, J., see Miwa, I. (1175) 174
 Onishi, Y., Azuma, Y., Sato, Y., Mizuno, Y., Tadakuma, T. and Kizaki, H.
 Topoisomerase inhibitors induce apoptosis in thymocytes (1175) 147
 Onodera, S., see Kawabe, J.-i. (1175) 81
 Otero, A.S., see Kutchai, H. (1175) 140
- Pelletier, J.-P., see Martel-Pelletier, J. (1175) 302
 Plank, B., see Suko, J. (1175) 193
 Polistina, C., see Canipari, R. (1175) 1
 Posho, L., see Blachier, F. (1175) 21
 Pralong, W.-F., see Rutter, G.A. (1175) 107
 Puri, C.P., see D'souza, A. (1175) 73
- Ratcliff, H. and Jones, P.M.
 Effects of okadaic acid on insulin secretion from rat islets of Langerhans (1175) 188
 Ronchi, S., see Ferrareto, A. (1175) 283
 Rutter, G.A., Pralong, W.-F. and Wollheim, C.B.
 Regulation of mitochondrial glycerol-phosphate dehydrogenase by Ca^{2+} within electroporeabilized insulin-secreting cells (INS-1) (1175) 107
- Sakanaka, C., Izumi, T., Nakamura, M., Honda, Z.-i., Watanabe, T., Minami, M., Mutoh, H., Bito, H., Seyama, Y., Ui, M. and Shimizu, T.
 Three types of $\text{G}\alpha$ protein of the guinea-pig lung: cDNA cloning and analysis of their tissue distribution (1175) 61
 Sato, Y., see Onishi, Y. (1175) 147
 Seyama, Y., see Sakanaka, C. (1175) 61
 Shikano, H., see Nakayama, H. (1175) 67
 Shima, S.
 Effects of androgen on α - and β -adrenergic receptors in membranes from the rat seminal vesicle (1175) 123
 Shimizu, T., see Sakanaka, C. (1175) 61
 Shinohara, H., see Kato, K. (1175) 257
 Silva, C.D., see Huang, X.P. (1175) 351
 Stafford, A., see Callaghan, R. (1175) 277
 Strand, M.A., Louis, C.F. and Mickelson, J.R.
 Phosphorylation of the porcine skeletal and cardiac muscle sarco-plasmic reticulum ryanodine receptor (1175) 319
 Sugden, M.C., see Sugden, P.H. (1175) 327
- Sugden, P.H., Fuller, S.J., Mynett, J.R., Hatchett, IV, R.J., Bogoyevitch, M.A. and Sugden, M.C.
 Stimulation of adult rat ventricular myocyte protein synthesis and phosphoinositide hydrolysis by the endothelins (1175) 327
 Sugimoto, Y., see Negishi, M. (1175) 343
 Suko, J., Maurer-Fogy, I., Plank, B., Bertel, O., Wyskovsky, W., Hohenegger, M. and Hellmann, G.
 Phosphorylation of serine 2843 in ryanodine receptor-calcium release channel of skeletal muscle by cAMP-, cGMP- and CaM-dependent protein kinase (1175) 193
 Suzuki, Y., see Ishii, H. (1175) 37
- Tadakuma, T., see Onishi, Y. (1175) 147
 Takenawa, T., see Ogawara, H. (1175) 289
 Tamura, A., see Miwa, I. (1175) 174
 Tanaka, S. and Koike, T.
 Caffeine promotes survival of cultured sympathetic neurons deprived of nerve growth factor through a cAMP-dependent mechanism (1175) 114
 Taylor, A., see Huang, L.L. (1175) 181
 Taylor, G.S., Ladd, A., James, J.E., Greene, B. and English, D.
 Characterization of phosphatidic acid phosphohydrolase in neutrophil subcellular fractions (1175) 219
 Teng, C.-M., see Ko, F.-N. (1175) 225
 Tomoda, T., Murata, T., Arai, K.-i. and Muramatsu, M.-a.
 Mutations on ^{170}Glu , a substrate recognition residue in mouse cAMP-dependent protein kinase, generate enzymes with altered substrate affinity and biological functions (1175) 333
 Truong, T., see Medley, Q.G. (1175) 7
- Ui, M., see Sakanaka, C. (1175) 61
- VanSteveninck, J., see Boonen, G.J.J.C. (1175) 155
 Varney, M.A., see White, A.M. (1175) 307
 Vincent, N., Martin, G. and Baverel, G.
 Glycine, a new regulator of glutamine metabolism in isolated rat-liver cells (1175) 13
 Vincent, N., see Martin, G. (1175) 161
- Wang, L.-H., Mantey, S.A., Lin, J.-T., Frucht, H. and Jensen, R.T.
 Ligand binding, internalization, degradation and regulation by guanine nucleotides of bombesin receptor subtypes: a comparative study (1175) 232
 Watabe, A., see Negishi, M. (1175) 343
 Watanabe, T., see Sakanaka, C. (1175) 61
 Watson, S.P., see White, A.M. (1175) 307
 Webster, R.O., see Burkey, T.H. (1175) 312
 Wheatley, D.N., see Miseta, A. (1175) 133
 White, A.M., Varney, M.A., Maeda, N., Mikoshiba, K. and Watson, S.P.
 Comparison of $\text{Ins}(1,4,5)\text{P}_3$ receptors from rat cerebellum and bovine adrenal cortex (1175) 307
 Wollheim, C.B., see Rutter, G.A. (1175) 107
 Wyskovsky, W., see Suko, J. (1175) 193
- Yu, S.-M., see Ko, F.-N. (1175) 225
- Zurzolo, C., see Canipari, R. (1175) 1